leading through innovation

LTO Ultrium Universal Cleaning Cartridge

The LTO Ultrium Universal Cleaning Cartridge is designed specifically for use in all LTO Ultrium 1, 2, 3 and 4 drives and is compatible with libraries designed for LTO Ultrium 1, 2, 3 and 4 drives. The Ultrium system is based on the industry's first open data storage platform. The LTO consortium—comprised of drive manufacturers HP, IBM and Quantum—developed this technology to meet the increased midrange and enterprise storage demands analysts predict over the next decade.

Features & Benefits

- Imation cleaning cartridge products are designed specifically for each tape drive format – The cleaning process is unique to each Ultrium drive. The amount of cleanings per cartridge is based on how the drive performs the cleaning process. Cleaning is done by shuffling a specific amount of tape over the drive head based on a specific cleaning algorithm that is unique to each drive manufacturer, therefore different amounts of tape are used for each drive—some use more, some use less. Each process provides a cleaning that is right for its drive. Regular cleaning of the drive reduces build-up or stains that have been deposited on the head.

- HP drive cleaning specifications – The HP drive has been developed to have a minimal cleaning requirement and will alert you when it needs cleaning. You should only clean the heads if the "use cleaning cartridge" signal is flashing. The LTO Ultrium Universal Cleaning Cartridge will provide 15 to 50 cleanings per cartridge, as specified by the drive.

- Quantum drive cleaning specifications – The Quantum Ultrium drive requires minimal cleaning with normal usage in a typical office environment. The drive will indicate if cleaning is required by continuous illumination of the amber colored (cleaning) LED. Some environments may cause the drive to require a more regimented cleaning schedule. The Imation LTO Ultrium Universal Cleaning Cartridge will provide up to 50 cleanings per cartridge, as specified by the drive.

- IBM drive cleaning specifications – The IBM drive determines when a drive needs to be cleaned. If cleaning is required, a "C" will display in the single character display area and the status light will turn off. The Imation LTO Ultrium Universal Cleaning Cartridge will provide up to 50 cleanings per cartridge, as specified by the drive.

Technical Specifications

Compatibility:
For use in all LTO Ultrium 1, 2, 3 and 4 drives

Number of Cleanings:
15–50+ (drive dependent)

Reorder Number:
51122-15931

This universal cleaning cartridge is capable of being used in all generation 1, 2, 3 and 4 Ultrium format tape drives. Specific revisions of firmware may be required for proper operation. In the event this cleaning cartridge does not operate properly, please contact your drive manufacturer or system vendor for firmware upgrade information.

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Imation LTO Ultrium Tape Cartridges

Linear Tape-Open (LTO) Ultrium technology is the choice for companies seeking to consolidate multiple storage technologies for their midrange network and enterprise systems. With up to 1.6TB capacity (2:1 compression) in a single compact cartridge, Imation LTO Ultrium tape cartridges are ideal for both stand-alone and automated environments. Count on reliable tape backup products from Imation, the data storage leader.

Product Specifications

OPERATING CONDITIONS		STORAGE CONDITIONS		TRANSPORT CONDITIONS (in box)	
Temperature	10 to 45°C (50 to 113°F)	Temperature	16 to 32°C (60 to 89°F)	Temperature	-23 to 49°C (-10 to 120°F)
Relative Humdity	10 - 80% RH	Relative Humdity	20 - 60% RH	Relative Humdity	5 - 80% RH
Wet Bulb Temperature	26°C Max.	Wet Bulb Temperature	26°C Max.	Wet Bulb Temperature	26°C Max.

LTO Ultrium Cleaning Cartridge Compatibility

LTO CARTRIDGE	LTO GEN 1 DRIVE	LTO GEN 2 DRIVE	LTO GEN 3 DRIVE	LTO GEN 4 DRIVE
Universal Cleaning Cartridge	Will Clean*	Will Clean	Will Clean	Will Clean

** With firmware update.*

To learn more about the Imation LTO Ultrium Cartridges and other Imation removable data storage products, visit **www.imation.com.**

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